

## Using i-Map NJDEP to Identify Environmentally Sensitive Areas as Defined in the Permit Extension Act

NJDEP's environmental mapping tool can be used to determine whether or not a site or portion of a site is located in an environmentally sensitive area as defined by the Permit Extension Act.

i-MapNJ DEP is accessed at <http://www.nj.gov/dep/gis/depsplash.htm>. This website includes both a link to launch i-MapNJ DEP and a link to a tutorial.

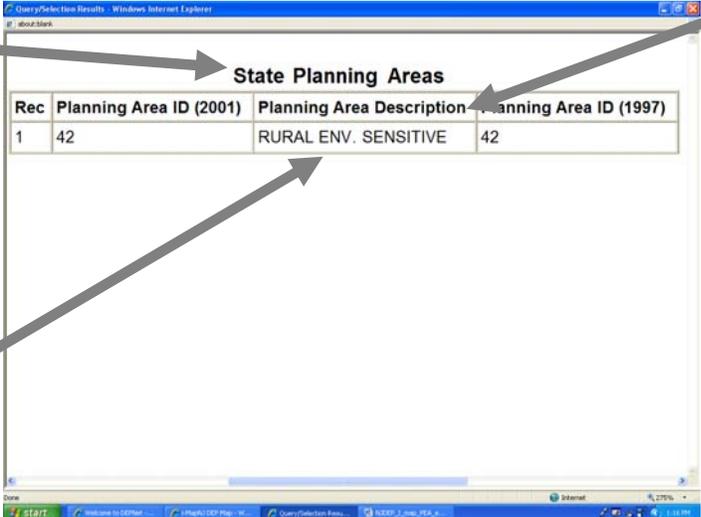
1. Launch i-MapNJ DEP.
2. To find an approximate site area use **“Find Location of Interest”** query. The tutorial provides information on using this tool.
3. Determine if the site is in within the Pinelands Boundary by checking the visible box on the Data Layers List for Pinelands Boundary then refreshing the map using the **“Refresh Map”** button at the top of the Data Layers List.
4. If the site is not within the Pinelands Boundary, one by one, check the visible box on the Data Layers List for the each of the following data layers, then refresh the map using the **“Refresh Map”** button at the top of the Data Layers List. In order to more clearly interpret the symbology on the map, each data layer should be reviewed individually.
  - Highlands;
  - State Planning Areas; and
  - Critical Environmental and Historic Sites.
5. If the site is within the Pinelands Boundary, first, uncheck the Pinelands Boundary visible box and then check the visible box for the Pinelands Management Area, then refresh the map using the **“Refresh Map”** button at the top of the Data Layers List.
6. Identify the layers covering the approximate site area to determine if all or a portion of the site is an Environmentally Sensitive Area as defined by the Permit Extension Act. Any area displayed as one or more of the following is an Environmentally Sensitive Area for the purposes of implementing the Permit Extension Act.\*
  - a. The following Pinelands Management Areas if they are located within the Pinelands Boundary:
    - Agricultural Production Area;
    - Federal or Military Facility;
    - Forest Area;
    - Pinelands Town;
    - Pinelands Village;
    - Preservation Area;
    - Rural Development Area; and
    - Special AG Production Area.

- b. The following areas in the Highlands region:
  - Highlands Planning Area; and
  - Highlands Preservation Area.
- c. The following State Planning Areas:
  - Environmentally Sensitive (Planning Area 5); and
  - Rural/Env. Sensitive (Planning Area 4B)
- d. The following Critical Environmental and Historic Sites:
  - Environmental/Historic Site; and
  - Environmental Site.

**\* Using the Identify Tool** 

If one is unable to interpret the symbology using the legend, the identify tool can be used. While many GIS layers can be displayed at one time, the user can only designate one GIS layer as the active layer. A user can set the active layer by clicking on the round button next to the listed data layer. To activate it, click in the center of the circle. This allows the identify button to be used to display data related to the corresponding feature, as described in detail in the tutorial.

Using the “identify” tool on a feature belonging to the active layer will open a separate window that will display data related to the feature. The record(s) displayed will correspond to the features near the location clicked on in the Map. Tabular data for each GIS data layer will be specific for that layer. An example of a result window showing the tabular data is shown below for the State Planning Area data layer. The GIS data layer is indicated at the top of the table. The attribute displayed is indicated as a column heading. Below the attribute title, the data (attribute category) for the location is displayed, in this example Rural Env. Sensitive.



**GIS Data Layer**

**Attribute Title**

**Attribute Category**

Rec	Planning Area ID (2001)	Planning Area Description	Planning Area ID (1997)
1	42	RURAL ENV. SENSITIVE	42

The following table lists the attribute categories for each GIS data layer and attribute that is defined as an environmentally sensitive area in the Permit Extension Act, as listed above, for areas outside of the Pinelands boundary.

<b>GIS Data Layer</b>	<b>Attribute Title</b>	<b>Attribute Categories representing Environmentally Sensitive Areas</b>
Highlands	Region	Highlands Preservation Area Highlands Planning Area
State Planning Areas	Planning Area Description	Environmentally Sensitive Rural Env. Sensitive
Critical Environmental and Historic Sites	Critical Site Type	CES CEHS

The following table lists the attribute categories for each GIS data layer and attribute that is defined as an environmentally sensitive area in the Permit Extension Act, as listed above, for areas within the Pinelands boundary.

<b>GIS Data Layer</b>	<b>Attribute Title</b>	<b>Attribute Categories representing Environmentally Sensitive Areas</b>
Pinelands Management Area	Management Name	Agricultural Production Area Federal or Military Facility Forest Area Pinelands Town Pinelands Village Preservation Area Rural Development Area Special Ag Production Area